List of Pages and Lines Exempt from Disclosure

Task Order 22 - Cost Proposal						
All Pages (6)	All lines	Delete the values associated with the price, total contract amounts, pricing rates, hours, estimated costs and fixed fee amounts. These deletions are essential to prevent a competitor from obtaining access to SAIC confidential financial information critical to our proposal effort. Release of this data could give a competitor an unfair advantage in future procurements by allowing them to underbid SAIC.				

Task Order 22 - Task Management Plan							
Page 1	Lines 32-39	These pages describe					
Page 2	Lines 1-25	SAIC's technical approach					
Page 5	Lines 21-42	for accomplishing the					
Pages 6-8	All Lines	Augment 3-M Buoys with					
Page 9	Lines 5-38	Ocean Measurements					
Page 10	Lines 1-18	project SOW. This					
		approach is a result of					
		SAIC's own creative					
		knowledge and experience					
		and is not publicly					
		available. Release of this					
		confidential information					
		would cause substantial					
		harm to SAIC's competitive					
		posture on future					
		procurements by allowing					
, , , , , , , , , , , , , , , , , , ,		competitors to duplicate this					
		technical approach to					
		SAIC's detriment.					
Page 10	Lines 31-34	Delete the names of SAIC					

:	personnel. Release of the
	names of SAIC personnel
	would allow competitors
	the ability to contact these
	personnel for the purpose of
	pirating them away from
	SAIC, thereby harming our
	competitive position.

Task Order	Task Order 22 - Work Breakdown Structure/GANTT							
(1) GANTT, dated 7/29/05	All Pages (4)	Delete SAIC's estimated						
(2) WBS, dated 7/29/05	All Pages (2)	hours for the described						
		taskings. This deletion is						
		essential to prevent a						
		competitor from obtaining						
		access to SAIC confidential						
		pricing information critical						
		to our proposal effort.						
		Release of this data could						
		give a competitor an unfair						
	, ,	advantage in future						
		procurements by allowing						
		them to underbid SAIC.						

	C	RDER FOR	SUPPLI	ES OR S	ERVICE	S		PAGE	OF	PAGES	
IMPORT	ANT: Mark all package							1	3		
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	VNIS SPACE CENT	ER. MS 39529-60	000		f. SHIP V	***************************************			1. 27	323 0000	
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c. Street A		211 22				heet, if any, including) to th	e terms and o		s of the	
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	ORDER FOR SUPPLIES OR SE	RVICES	- Con	tinuation	PAGE OF PA	
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0001	TASK ORDER 05-TOS-22 - AUGMENTING	·	1 JB	268,614.86	268,614.86	
	3-M BUOYS WITH OCEAN					
•	MEASUREMENTS FOR CONWXB				• •	
	Provide all labor and materials to accomplish				·	
	the augmentation of 3-m buoys with ocean measures in accordance with the Task					
	Management Plan (TMP). The performance					
	period is 08/26/2005-09/30/2007.					
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	14.05.C2KC4BCPW734010704012.200600009	•				
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AMENDMENT OF SOLICITATION	ON/MODIFICATIO					Page 1	of Page
Amendment/Modification No. 0001	3. Effective Date Sep 24, 2007	4. Requisition/Purc	chas	e Req. No.	5. Project	No. (if appl	licable)
6. Issued By	Code WG953023	7. Administered By	/ (If c	other than Item 6)		Code	
NATIONAL DATA BUOY CENTER	0000 11 0705025	SEE BLOCK 6					
RESOURCES BRANCH /W/OPS53	•	,					·
BUILDING 1100				•	•		
STENNIS SPACE CENTER, MS 39529-60	00						
KURT C.WEILBAECHER 228-688-2825	, .						
8. Name and Address of Contractor (No., Street,	County, and Zip Code)		(X)	9A. Amendment o	of Solicitation	No.	
SCIENCE APPLICATIONS INTERNATIO				9B. Date (See Iter	n 11)		
10260 CAMPUS POINT DRIVE	DUNS:	148095086					
MAIL STOP G2				10A. Modification			
SAN DIEGO CA 921211578	CAGE:	OT5L1	х	QA1330-05-CQ-		<u>. </u>	
		\	1	10B. Date (See Ite	em 13)		
				Aug 26, 2005			
Code	Facility Code						
	S ITEM ONLY APPLIES TO				1	ded is i	not oviced
The above numbered solicitation is amended offers must acknowledge receipt of this amendment (a) By completing items 8 and 15, and returning submitted; or (c) By separate letter or telegram which ment to be received at the place design.	nt prior to the hour and date copies of the amendr ch includes a reference to the NATED FOR THE RECEIPT	specified in the solicinent; (b) By acknowle the solicitation and am TOF OFFERS PRIOF	itatio edgir nend R TC	n or as amended, b ng receipt of this am ment numbers. FAII DTHE HOUR AND I	y one of the endment on URE OF YO	following meach copy OUR ACKN FIED MAY	nethods: of the offer OWLEDG RESULT
IN REJECTION OF YOUR OFFER. If by virtue of the	nis amendment you desire to	o change an offer alre	eady	submitted, such ch	ange may be	made by t	telegram o
letter, provided each telegram or letter makes refere	ence to the solicitation and	this amendment, and	is. re	ceived prior to the o	pening hour	and date s	pecified.
12. Accounting and Appropriation Data (if required							
See Schedule \$ US 0.00			01.17				
13. THIS IT	EM APPLIES ONLY TO MO TIES THE CONTRACT/ORI	DEFICATIONS OF C	URF	NACT/ORDERS.			
(x) A. This change order is issued pursuant to: (S	Specify authority) The chan	ges set forth in item 1	14 ar	e made in the Cont	ract Order No	o. in item 1	0A.
B. The above numbered Contract/Order is mo Set fourth item 14, pursuant to the authority	dified to reflect the administ y of FAR 43.103 (b)	trative changes (such	h as	changes in paying o	office, approp	oriation date	e, etc.)
X C. This supplemental agreement is entered into FAR 52.243-2 CHANGES					. •		
D. Other (Specify type of modification and auti	hority)						· · · · · · · · · · · · · · · · · · ·
B. Other (opening type of meanicalist and can	,,						
E. IMPORTANT: Contractor is not, X is	required to sign this docum	ent and return I copie	es to	the issuing office.			
4. Description of Amendment/Modification (Organize	ed by UCF section heading:	s, including solicitation	n/coi	ntract subject matte	r where feasi	ible.)	
	•						
. The purpose of this modification is to	o incorporate TMP v	version 2, dated	09/	27/2007, to co	incide wi	th the re	vised
production delivery schedule for the AN		,		• • •			
roduction derivery senedure for the Air	n o payroad.						
7 14 DOD GEDLOOOL 4- 06	; ;;						
. Extend the POP on CLIN 0001 to 06	/30/2009.						
. This change will be done at no addit	ional cost to the Gov	vernment.					
. This charies will be done at no addit							
. No other changes are made at this tin	ne. All other terms a	and conditions re	ema	ain unchanged	and in fu	ll effect	
Except as provided herein, all terms and conditions of the do	ocument referenced in item 9A o	or 104 as heretofore cha	anger	t remains unchanged	and in full forc	e and effect.	
	outhorn referenced in item 3A C			of Contracting Office			
15A. Name and Title of Signer (Type or Print)		I				8-688-2	825
BONILIE BARNUM CONTRACTS REPRESENTA	カブし	KURT C.WI			44	U-000 - Z	ددن
CONTRACTS ICEPACEDENT	· · · · · · · · · · · · · · · · · · ·	Contracting (
	450 5 ; 5; ;	kurt.weilbaed	ener	г(<i>W</i> ЛОаа. goV		16C. Dat	le Signed
15B. Contractor/Offeror	15C. Date Signed	TOB., United State	ان دی ا	/ / / /	•		
Frome Barnen	- 9/22/07	Lucel	<u>Je</u>	elbucker		Sep 27.	, 2007
(Signature of person authorized to sign)	1 7/37/01	// (Signature	e of	Contracting Officer)		_	-

Item No.	Supplies/Services	HEDULE Quantity	Unit	Unit Price	Amount
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0001	TASK ORDER 05-TOS-22 - AUGMENTING 3-M BUOYS WITH OCEAN MEASUREMENTS FOR CONWXB		1 ЈВ	268,614.86	268,614.86
	Provide all labor and materials to accomplish the augmentation of 3-m buoys with ocean measures in accordance with the Task Management Plan (TMP). The performance period is 08/26/2005-06/30/2009.				
•	FFP				
	Accounting and Appropriation Data: 14.05.C2KC4BC.PW7.34.010704012.2006000095 000000.25130000.000000 US\$ 268,614.86 DELIVERY DATE: 06/30/2009 SHIP TO: NATIONAL DATA BUOY CENTER RESOURCES BRANCH /W/OPS53 BUILDING 1100 STENNIS SPACE CENTER, MS 39529-6000 FOB: Destination				
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t			·		

AMENDMENT OF SOLICIT 2. Amendment/Modification No.	3. Effective Date	4. Requisition/Pu		n No.	5. Projec	t No. (if applicable)
2. Amendment/Modification No.	Dec 3, 2007	NWWG9500-8		4. 110.	0. 110,00	tivo: (ii applicable)
6. Issued By	Code WG950201	7. Administered E		han Item 6)		Code
NATIONAL DATA BUOY CENTER	đ	SEE BLOCK 6				
BUILDING 1007	•					
STENNIS SPACE CENTER, MS 3952	29					
**************************************	005					
KURT C.WEILBAECHER 228-688-2			(X) 9A.	Amendment o	f Solicitation	n No
8. Name and Address of Contractor (No., S	ireet, County, and Zip Code)	•	(^)	Amendment	ii Solicitatioi	1110.
SCIENCE APPLICATIONS INTERNA	ATIONAL CORPO Vendo	or ID: 00004157	9B.	Date (See Iten	n 11)	
10260 CAMPUS POINT DRIVE		S: 148095086			· ·	
MAIL STOP G2			, ,	Modification (
SAN DIEGO CA 921211578	CAGE	E: 0T5L1	1 X	1330-05-CQ-		2
		•	10B.	Date (See Ite.	m 13)	
	TE "" 0 1		Aug	26, 2005		
Code	Facility Code THIS ITEM ONLY APPLIES	TO AMENDMENTS O	E SOLICIT	ATIONS		
The above numbered solicitation is amer					is exten	ded III is not exten
Offers must acknowledge receipt of this amen	dment prior to the hour and da	te specified in the soli	citation or a	s amended, by		
(a) By completing items 8 and 15, and returning		dment; (b) By acknowl				
submitted; or (c) By separate letter or telegran	which includes a reference to					
MENT TO BE RECEIVED AT THE PLACE DE						
N REJECTION OF YOUR OFFER. If by virtue						
etter, provided each telegram or letter makes		this amendment, and	is received	d prior to the o	pening hour	and date specified.
12. Accounting and Appropriation Data (if requesee Schedule \$ US 0.00	uired)					
	IS ITEM APPLIES ONLY TO M	ODIFICATIONS OF C	CONTRACT	ORDERS.	•	
	ODIFIES THE CONTRACT/OF					
x) A. This change order is issued pursuant to	o: (Specify authority) The cha	nges set forth in item	14 are mad	e in the Contra	act Order No	o. in item 10A.
B. The above numbered Contract/Order is	s modified to reflect the adminis	strative changes (suc	h as chang	es in paying of	fice, approp	riation date, etc.)
Set fourth item 14, pursuant to the auth	nority of FAR 43.103 (b)					· · · · · · · · · · · · · · · · · · ·
C. This supplemental agreement is entere						
FAR 52.243-1 CHANGES-Fixed						
D. Other (Specify type of modification and	authorny)					
. IMPORTANT: Contractor is not, X	is required to sign this docum	nent and return 1 copie	es to the iss	suing office.		
Description of Amendment/Modification (Organication)					where feasil	ble.)
The purpose of this modification is to	change TMP 22, version	n 2.0, dated 09/27	7/2007, m	odifying lar	nguage to	clarify
oupling of sensors from AMPS paylo	oad and change deliverab	le table, and payn	nent term	s as outline	d in Chan	ge 1.
						•
As a result of this change, TMP 22, V	ersion 2.0, Change 1, da	ted 11/29/2007, is	hereby i	ncorporated	l into this	Task Order.
						•
This change is done at no additional c	ost to the Government.)			•	
		41,1		1 1 01	1 ((,	<i>:</i>
No other changes are made at this time	e. All other terms and co	onditions remain i	ınchange	d and in ful	i errect.	
	•					•
	,					
ept as provided herein, all terms and conditions of the	e document referenced in item 9A o					
A. Name and Title of Signer (Type or Print)		16A. Name and ti		=		=
BONNIE BARNUM		KURT C.WE		CHER	228	-688 - 282 5
COLOTRACTS REPRESENTATIVE		Contracting C				
	1450 5 6	kurt.weilbaec	ner(a)no	aa.gov	т.	ICC. Data Classes
3. Contractor/Offeror	15C. Date Signed	Tob. United State	oi Amend	a 	11	16C. Date Signed
Donne Haran	12/4/07	Judell	pubu	oue-	I	Dec 3, 2007
(Signature of person authorized to sign)	1414/07	/ (Signature	of Contrac	ting Officer)	J	-

	SC	HEDULE	<u> </u>			
item No.	Supplies/Services	Quantity	Unit	Unit Price	Amount	·
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0001 .	TASK ORDER 05-TOS-22 - AUGMENTING 3-M	•	1 ЛВ	268,614.86	268,614.86	
	BUOYS WITH OCEAN MEASUREMENTS FOR		1 35	200,014.00	200,014.00	
	CONWXB	•		· ·		
	Provide all labor and materials to accomplish the					
	augmentation of 3-m buoys with ocean measures in					
	accordance with the Task Management Plan				,	
	(TMP). The performance period is 08/26/2005-06/30/2009.					
	The performance period is 06/20/2003-06/30/2009.					
	FFP				.	••
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	Accounting and Appropriation Data:					
	14.05.C2KC4BC.PW7.34.010704012.2006000095					٠
	000000.25130000.000000					
	US\$ 268,614.86 DELIVERY DATE: 06/30/2009			·		
	SHIP TO:					
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	RESOURCES BRANCH /W/OPS53 BUILDING 1100		.]	• .		
	STENNIS SPACE CENTER, MS 39529-6000					
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2. Amendment/Modification No.	3. Effective Date	4. Requisition/Purchase F	leq. No.	5. Project No. (if applicable)
0003	Mar 24, 2008	NWWG9500-8-35746	·	
6. Issued By	Code WG953023	7. Administered By (If other	er than Item 6)	Code
NATIONAL DATA BUOY CENTER		SEE BLOCK 6		
RESOURCES BRANCH /W/OPS53				
BUILDING 1100				
STENNIS SPACE CENTER, MS 39529-600 KURT C.WEILBAECHER 228-688-2825	00			
8. Name and Address of Contractor (No., Street, C	County, and Zip Code)	(X) 9/	A. Amendment o	of Solicitation No.
	,,,,			
SCIENCE APPLICATIONS INTERNATION	NAL CORPO Vendo	r ID: 00004157	B. Date (See Itel	m [11)
10260 CAMPUS POINT DRIVE	DUNS	: 148095086	1 1	1/
MAIL STOP G2				of Contract/Order No.
SAN DIEGO CA 921211578	CAGE	X 	11330105-CQ	
		$\sim 1 11^{19}$	B. Date (See Ite	em 13)
		/ / /A/1	igl26, 2005	
	Facility Code	O AMENIONENTE OF COLIC	TATIONS	
The above numbered solicitation is amended as		O AMENDMENTS OF SOLIC		is extended [is not extend
Offers must acknowledge receipt of this amendment				
(a) By completing items 8 and 15, and returning				endment on each copy of the offe
submitted; or (c) By separate letter or telegram which	. \ /	7		
MENT TO BE RECEIVED AT THE PLACE DESIGNA				
IN REJECTION OF YOUR OFFER. If by virtue of this				
letter, provided each telegram or letter makes referen				
12. Accounting and Appropriation Data (if required)	\\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\-\	·		
See Schedule \$ US 0.00	1			
		ODIFICATIONS OF CONTRA DER NO. AS DESCRIBED IN		•
(x) A. This change order is issued pursuant to: (Sp				act Order No. in item 10A.
<u></u>				
B. The above numbered Contract/Order is modified	fied to reflect the adminis	trative changes (such as cha	nges in paying o	ffice, appropriation date, etc.)
Set fourth item 14, pursuant to the authority of the Supplemental agreement is entered into	nursuant to authority of:			
FAR 52.243-1 CHANGES FIXED-PR		•	•	• .
D. Other (Specify type of modification and author			<u> </u>	•
	,,	•		
		ent and return 1 copies to the		
. Description of Amendinent/Modification (Organized	by UCF section headings	s, including solicitation/contrac	t subject matter	where feasible.)
		· · · · · · · · · · · · · · · · · · ·		
The purpose of this modification is to	change TMP 22, vo	ersion 2.0, dated 11/2	./2007, chan	iging quantities of ocean
nsors to be installed on 3 meter platform	ns for TAO Field S	ervice CY 2003.		
		•		
\\	rsion 3.0, dated 02	/25/2008, is hereby in	corporated i	nto this Task Order.
As a result of this change, TMP 22, Ve				
As a result of this change, TMP 22, Ve				
V		ent.		
As a result of this change, TMP 22, Ve This change is done at no additional co		ent.		
This change is done at no additional co	st to the Governme			and in full effect
V	st to the Governme			and in full effect.
This change is done at no additional co	st to the Governme	nd conditions remain	unchanged a	
This change is done at no additional co No other changes are made at this time.	st to the Governme	nd conditions remain	unchanged a	
This change is done at no additional co No other changes are made at this time.	st to the Governme	nd conditions remain 10A, as heretofore changed, rem 16A. Name and title of Co	unchanged a ains unchanged ar ntracting Officer	nd in full force and effect. (Type or Print)
This change is done at no additional co No other changes are made at this time.	st to the Governme	nd conditions remain 10A, as heretofore changed, rem 16A. Name and title of Co	unchanged a ains unchanged ar ntracting Officer	nd in full force and effect.
This change is done at no additional co No other changes are made at this time.	st to the Governme	nd conditions remain 10A, as heretofore changed, rem 16A. Name and title of Co KURT C.WEILBA Contracting Officer	unchanged a ains unchanged ar ntracting Officer ECHER	nd in full force and effect. (Type or Print)
This change is done at no additional co No other changes are made at this time. cept as provided herein, all terms and conditions of the docur A. Name and Title of Signer (Type or Print)	st to the Governme. All other terms a	nd conditions remain 10A, as heretofore changed, rem 16A. Name and title of Co KURT C.WEILBA Contracting Officer kurt.weilbaecher@r	unchanged a ains unchanged ar ntracting Officer ECHER oaa.gov	nd in full force and effect. (Type or Print) 228-688-2825
This change is done at no additional co	st to the Governme	nd conditions remain 10A, as heretofore changed, rem 16A. Name and title of Co KURT C.WEILBA Contracting Officer	unchanged a ains unchanged ar ntracting Officer ECHER oaa.gov	nd in full force and effect. (Type or Print)

30-105

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

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Item No.	Supplies/Services	Quantity	Unit	Unit Price .	Amount	
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0001	TASK ORDER 05-TOS-22 - AUGMENTING 3-M BUOYS WITH OCEAN MEASUREMENTS FOR CONWXB		JB	268,614.86	268,614.86	
		•				
	Provide all labor and materials to accomplish the augmentation of 3-m buoys with ocean measures in accordance with the Task Management Plan (TMP).					
	The performance period is 08/26/2005-06/30/2009.				,	
-	FFP					
					.,	•
	Accounting and Appropriation Data: 14.05.C2KC4BC.PW7.0034.010704012.20060000					
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τ	US\$ 268,614.86				·	
	DELIVERY DATE: 06/30/2009	1				
	SHIP TO: NATIONAL DATA BUOY CENTER					
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AMENDMENT OF SOLICITA 2. Amendment/Modification No.	3. Effective Date	4. Requisition/P			5. Proi	ect No. (if applic	(3 able)
* 0004	Mar 10, 2008	14. Proquiotaorii	2101100				/
6. Issued By	Code WG953023	7. Administered	By (If	other than Item 6)		Code	
NATIONAL DATA BUOY CENTER		SEE BLOCK 6					
ESOURCES BRANCH /W/OPS53							
BUILDING 1100				•			
STENNIS SPACE CENTER, MS 39529-							
KURT C.WEILBAECHER 228-688-282							
8. Name and Address of Contractor (No., Stre	et, County, and Zip Code)		(X)	9A. Amendment of	Solicitati	ion No.	
SCIENCE APPLICATIONS INTERNAT 10260 CAMPUS POINT DRIVE		r ID: 00004157 : 148095086		9B. Date (See Item	11)		
MAIL STOP G2	D0110	. 1 10092000		10A. Modification o	f Contrac	t/Order No.	
SAN DIEGO CA 921211578	CAGE:	0T5L1	3.	QA1330-05-CQ-1	1035 00)22	
		•	X	10B. Date (See Iter	n 13)		
				Aug 26, 2005			
Code	Facility Code						
	HIS ITEM ONLY APPLIES T					ended is not	
The above numbered solicitation is amende Offers must acknowledge receipt of this amendmanal By completing items 8 and 15, and returning ubmitted; or (c) By separate letter or telegram w	ent prior to the hour and date copies of the amend hich includes a reference to t	e specified in the soli ment; (b) By acknow the solicitation and a	citatio ledgin mendi	n or as amended, by ng receipt of this ame ment numbers. FAILU	one of the ndment of JRE OF	ne following methon each copy of the YOUR ACKNOW	nods: the offer VLEDG-
ENT TO BE RECEIVED AT THE PLACE DESIGN	GNATED FOR THE RECEIP	T OF OFFERS PRIC	OR TO	THE HOUR AND DA	ATE SPE	CIFIED MAY RE	SULT
REJECTION OF YOUR OFFER. If by virtue of	this amendment you desire t	o change an offer al	ready	submitted, such char	nge may	be made by tele	gram or
tter, provided each telegram or letter makes refe		this amendment, an	d is re	ceived prior to the op	ening ho	ur and date spec	oified.
2. Accounting and Appropriation Data (if require	ed)	•					
ee Schedule \$ US 0.00	TEM APPLIES ONLY.TO MO	DDIFICATIONS OF	CONT	RACT/ORDERS	•	. ناس بار بارس	
· IT MOD	IFIES THE CONTRACT/ORI	DER NO. AS DESCI	RIBED	IN ITEM 14.			
A. This change order is issued pursuant to:							
B. The above numbered Contract/Order is m Set fourth item 14, pursuant to the author	odified to reflect the administity of FAR 43.103 (b)	trative changes (suc	ch as c	changes in paying off	ice, appro	opriation date, et	c.)
C. This supplemental agreement is entered i	nto pursuant to authority of:						
FAR 52.243-1 CHANGES FIXED-I			,			·	
D. Other (Specify type of modification and au	thority)	•					
	required to sign this docume				there fee	sible)	
Description of Amendment/Modification (Organi.	zea by UCF section neadings	s, including solicitatio	ii i/COI i	liaci subject ilialiei w	niere rea	sible.)	
The purpose of this modification is a TAO Field Service work and incorp			3/24	1/2008, in its en	tirety, a	add CLIN 00)0 2
dd CLIN 0002 in the amount of \$20	09,295.74 (transferred	l costs from CI	LIN (0001)	. •		
ounting: 14.05.C2KC4BC.PW7.003	34.010704012.200600	000950000000.2	5130	0000.00000		\$209,295.	74
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ept as provided herein, all terms and conditions of the de	ocument referenced in item 9A or	10A, as heretofore cha	enged,	remains unchanged and	in full forc	e and effect.	
Name and Title of Signer (Type or Print)		16A. Name and	title of	Contracting Officer (
BONALIE BARLIUM		KURT C.WI	EILB	BAECHER	22	8-688-2825	
CONTRACTS REPRESENTATIVE		Contracting				1	
		kurt.weilbaed					
Contractor/Offeror	15C. Date Signed	16B. United State	es of A	. /	_	16C. Date Sign	ied
Harried Harm	/ -	Lux	00	Veubreece	ce_	Mar 10, 200)8
(Signature of person authorized to sign)	12/10/08	/ \ (Signature	of Co	ontracting Officer)			

NSN 7540-01-152-8070

30-10**5**

STANDARD FORM 30 (REV. 10-83)

SF30 Continua n of Block Narrative

Page 2 c

b. Change CLIN 0001 from \$268,614.86 to read \$59,319.12, a net decrease of \$209,295.74

Accounting: 14.05.C2KC4BC.PW7.0034.010704012.2006000095000000.25130000.000000

\$59,319.12

- c. As a result of this change, TMP 22, Version 3.0, dated 02/25/2008, is hereby incorporated into this Task Order changing quantities of ocean sensors to be installed on 3 meter platforms for TAO Field Service CY 2003. This TMP replaces TMP 22, version 2.0, dated 11/21/2007.
- 2. This change is done at no additional cost to the Government.
- 3. No other changes are made at this time. All other terms and conditions remain unchanged and in full effect.

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Item	No.	Supplies/Services		Quantit	ty	Unit	 nit Price			Amount	t
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	aug acc (TN	ovide all labor and materials to accomplish the gmentation of 3-m buoys with ocean measures in cordance with the Task Management Plan MP). The performance period is 03/10/2008-06/30/2009.	÷								
	FFF		•								
	14.0 9500 US\$ DEL	ounting and Appropriation Data: 05.C2KC4BC.PW7.0034.010704012.20060000 00000.25130000.000000 559,319.12 LIVERY DATE: 06/30/2009						•			
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		Destination								;	

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Date: July 15, 2005

Title of Task Order:	Augment 3-m Buoys with ocean measurements for ConWxB
NDBC Branch:	Program, Planning, and Integration
Performance Period:	1 August 2005 – 30 Sep 2007
Task Order Type: (FFP or CPFF)	FFP
Purpose: (How this TO relates to NDBC's Mission or What Problem needs to be solved)	To augment existing MON platforms with ocean measurements which include directional waves, ocean current profiles, surface ocean currents, surface temperature/salinity, and temperature/salinity profiles. The intent of the augmentation is to perform as much work associated with this effort as possible in conjunction with planned shop and field service activities, so as to maximize the allocated funding, and outfit as many stations with ocean measurements as possible.
Background:	Through the FY05 budgeting process, NOAA NDBC has received funding to outfit the MON with the aforementioned ocean measurements. Some of the tasks to achieve the goals specified in NDBC's ConWxB Project Plan have been tasked under various task orders, i.e., 05-TOS-06, 05-TOS-06-A, 05-TOS-16, and 05-TOS-17. In those tasks, both engineering and operational aspects of the directional waves, surface ocean current, and ocean current profile (ADCP) measurements are emphasized and tasked. The engineering part of conductivity /temperature/depth (CTD) profile measurement is also tasked. However, integration and deployment of NDBC 3-m buoys augmented with directional waves, ADCP, and CT/CTD profiles are not being tasked yet.
Scope of Effort:	The objective for the NOAA National Data Buoy Center Technical Services Contractor (NTSC), in relation to the scope of effort of this Task Order, is to provide all labor and select materials/components associated with the augmenting effort. This includes shop service labor, as well as Data Quality and Shore-side Processing needed to meet the level of buoy deployment with specified measurements stated in this task order. Augment and test a total of Twelve (12) 3-meter buoys with Directional Waves, Acoustic Doppler Current Profile (ADCP), and Conductivity /Temperature/Depth (CTD) profile using the new AMPS data logger (which is being designed and tested by PSI under
	a contract with NDBC). The augmentation schedule will be based on the NDBC service schedule. Thus, works in this task could extend into FY06 or FY07.

Under 05-TOS-06, NTSC is tasked to learn, test, and document the new data logger AMPS after its delivery (scheduled by the end of CY2005). Then, NTSC will integrate AMPS in a 3-m buoy (Task #9 in 05-TOS-06). Thus, the design, test, and documentation efforts for integrating AMPS in a 3-m buoy are not included in this task order.

Tasks: 1. Augment twelve (12) 3-m buoys with (1) directional waves, (2) ADCP (in cage), and (3) CTD profile measurements using AMPS. based on NDBC field service schedule. That means the effort and cost of buoy exchange (deployment, retrieval, and shipping) and the routine RIT for NDBC standard 3-m buoy configurations are not included in this task (i.e., they are covered under appropriate Field Service Task Orders). Note that DWPM (or Waves-only WAMDAS) units needed for this task are tasked to build under separate task orders. All of the major components or subsystems will be provided as GFE (see the GFE section of this task order). 2. Fabricate miscellaneous brackets, structure, and components needed to integrate the buoy systems with specified ocean measurements. 3. Build and integrate inductive cable and underwater assembly for ocean measurements stated in this task order. Note: build standard NDBC mooring portions and deploy the buoy/mooring systems under appropriate Field Service Task Orders. AMPS will be delivered by PSI by the end of CY05. Assumptions/ Constraints (Security, Safety, · NTSC will complete the design, testing, and documentation Accessibility, etc...) efforts for integrating AMPS in NDBC 3-m buoys under 05-TOS-06. · Field and Shop labor schedule depends on the delivery of Government furnished equipment and components. · If appropriate, Iridium will be used to telemeter primary data in order to provide all needed measurements. Deliverables: · Integrate directional waves, ADCP, and CTD/IM measurements into twelve (12) 3-m buoys in accordance with the field service schedule.

	Once needed GFE is in hand and integration has begun, submit
	Bi-weekly progress reports on the status of the integration.
GFE/GFI:	GFE/GFI is available to support this effort.
Gre/Gri.	Gre/Gri is available to support this effort.
	The following specialized components will be Government
	furnished:
	· ADCPs and cages
	· CT and CTD sensors
	· AMPS units
	DWPM or WAMDAS (waves only version) units
	· inductive cables
	· Inductive modem assemblies
	Refer to Government inventory for other standard components.
	reofer to Government inventory for other standard components.
	NDBC drawings/documentation will be Government furnished or
	created under separate order.
Program Objectives/	The Government requires this task order have performance-based
Possible Performance	measures that align with the Statement of Objectives and Program
Measures:	Goals contained in the contract. The contractor is required to
	provide a list of proposed measures for this task order with goals for
	level of service and the outcomes for achieving/not achieving those Goals.
	Goals.
	The most important attribute of successful implementation of this
	task order is execution of a comprehensive, well thought out,
	proposal.
Inspection/Acceptance:	Final inspection and acceptance of all work performed, reports
	generated, and other deliverables will be conducted by the COTR or
	other designee.
Travel:	Travel is not required to support this task order.
Required information	1. An Approach and Management Plan for managing and
and/or submittals to be	maintaining the GFE identified in this task order.
included in the required	O. T. 1 M.
Task Management Plan	2 Task Management Plan
(TMP):	a. Work Breakdown Structure (WBS) b. GANTT schedule
	c. Performance Specifications and metrics
	d. Cost, Schedule and Performance Metrics
	3. Task Order Cost Proposal



Document Number: TMP- 22
Version Number: Version 3
Issue Date: 2/25/2008

Technical Management Plan

Title:

Augmenting 3-M Buoys with Ocean Measurements for ConWxB/TAO Field Service

ORIGINATOR:	Date Signed: 4/28/08
TASK ORDER MANAGER:	Date Signed: 4/25/05-
PROGRAM MANAGER:	Date Signed/



Document Number:	TMP- 22
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TECHNICAL MANAGEMENT PLAN

CHANGE PAGE

Version No.	Purpose of Change	Pages Effected	Issue Date	Instructions
1.0	Initial Issue	A11	8/26/05	Initial Document
2.0	Extend Period of Performance Reformat document into new TMP format for CY03	All	9/27/07	Replace entire document
2.0, Change 1	Modify language in 1.2 and 1.3 to clarify decoupling of sensors from AMPS payload; change deliverables table to show decoupling; modify payment terms	1, 4, 5, 6	11/21/07	Insert change pages
3.0	Change quantities of ocean sensors to be installed on 3-m platforms. Add requirement for TAO Field Service CY03.	All	2/25/2008	Replace entire document
	•			



Document Number:TMP- 22Version Number:Version 3Issue Date:2/25/2008

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1.3	Management Approach:	1
2.0	CLIN 2 TAO FIELD SERVICE SCOPE, STATEMENT of WORK AND	
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ATTACHMENTS, FIGURES AND TABLES

Appendix A - Work Breakdown Structure

Appendix B - Program Schedule

Appendix C – Deliverables



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PERIOD OF PERFORMANCE: 01 August 2005 to 30 June 2009

TO TYPE: Hybrid (FFP/CPFF)

1.0 CLIN 1 ConWxB SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH (FFP) POP 01 August 2005 – 30 June 2009

1.1 General Scope:

The intent of this Task Order is to continue the ConWxB initiative by augmenting additional 3-m buoy hulls with oceanographic measurements. The fundamental challenge tasked in this order is to utilize the AMPS payload -- currently under development and contract to NDBC from Planning Systems Inc (PSI) – to collect and transmit oceanographic data. The technical aspect of integrating the AMPS payload into a 3-m buoy has already been tasked in TO-06; this tasking is to take that understanding and apply it to select 3-m hulls, and prepare them for deployment.

1.2 Statement of Work:

Utilizing the current field service schedule, SAIC will select and augment four (4) 3-m buoys from the list below, with current profile and/or directional wave measurements using the currently available ARES payload. As directed by NDBC in February 2008, SAIC will not install inductively cabled CTD measurements under this task order. Integration of the buoys will follow the existing field service plans. From an Oceanographic perspective, the following is a list of viable candidate stations –

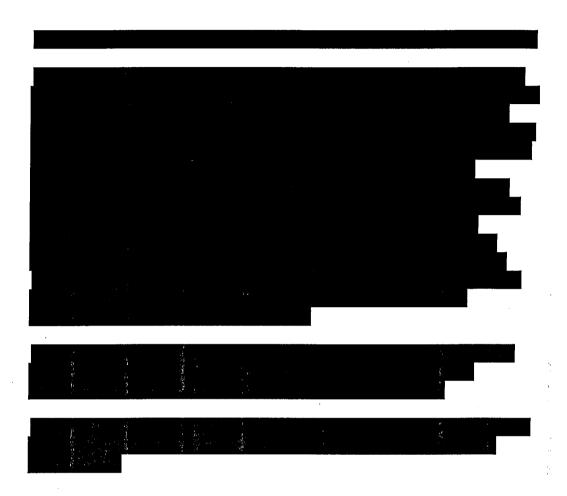
41004, 41025, 42035, 42039, 42040, 44009, 44013, 44018, 44025, 46011, 46015, 46028, 46029, 46054, 46069, 46087

1.3 Management Approach:





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2.0 CLIN 2 TAO FIELD SERVICE SCOPE, STATEMENT of WORK AND TECHNICAL/MANAGEMENT APPROACH (CPFF) POP 1 March 2008 – 30 September 2008

2.1 General Scope

During the period of performance beginning 1 March 2008 and ending 30 September 2008, SAIC will be responsible for the continued production, integration, and field service of forty Legacy TAO buoys, six TAO Refresh Parallel Test buoys, and two ADCP moorings in the equatorial Pacific.

2.2 Statement of Work

The supported field service cruises for this period of performance are as follows:



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KA-08-02 both legs
KA-08-03 both legs
KA-08-04 both legs
KA-08-05 both legs
KA-08-06 both legs

The following outlines the work to be performed in completing the field service activities within the period of this TMP:

- The SAIC TAO Operations Support Liaison Officer is responsible for drafting the annual ship schedules with NDBC providing the final approval of the schedule and submission of the schedule to NMAO for acceptance.
- SAIC TAO Operations Manager will maintain all field service SOPs and documentation.
- The SAIC TAO Project Manager will submit the draft cruise instructions and supporting documents for each TAO cruise no later than 40 days prior to ship departure with final cruise instruction submitted 30 days prior to ship departure to SAIC and NDBC for review. NDBC will finalize the final cruise instruction for submission to NMAO.
- The SAIC TAO Operations Manager with final approval from the SAIC TAO Project Manager will assign the TAO Field Service Team and Chief Scientist for each cruise.
- The SAIC TAO Operations Manager is responsible for coordinating and tracking all TAO logistical efforts scheduling shipments to port locations and returns no later than 30 days prior to ship departure.
- TAO Field Service Team and Chief Scientist will arrive no later than 3 days in advance of cruise departure to receive the shipment and assist in loading and off-loading operations of the ship.
- The TAO Chief Scientist is responsible for assigning berthing, coordinating operations with the ancillary science teams, coordinating operations with the ship's Commanding Officer and Field Operations Officer, and providing all supporting documentation to the DAC. The Chief Scientist is also the focal point for shore to ship communications.
- TAO Field Service Team will perform all recovery, deployment, and services of the scheduled 48 buoys and 2 ADCPs within the Pacific TAO array.
- Upon completion of each subsequent cruise, the TAO Chief Scientist and/or TAO Team lead technician will remain up to 3 days after in-



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- port to assist in loading/off-loading efforts for next cruise. This includes setting up containers for equipment return to SSC.
- At the mid-point final point of the cruise, the TAO Chief Scientist will forward a ship inventory to the SAIC TAO Operations Manager.
- The TAO Team lead technician shall provide a CD containing the raw data files from each buoy and CTD cast data to the DAC no later than 3 duty days after return to SSC.
- The TAO Chief Scientist and/or TAO Team lead technician will complete a Cruise Trip Report no later than 5 duty days after cruise completion.
- The TAO Chief Scientist and/or TAO Team lead technician will complete a Hazardous Material Report no later than 5 duty days after cruise completion.
- SAIC will maintain ship board consumable inventory and NDBC will be responsible for ship board property.

Additional field service operations will include efforts to support buoy services and deployments in the Gulf of Mexico of two TAO Refresh Flux buoys. Pacific TAO Refresh experimental deployments will be performed during the standard TAO Legacy field service activities and do not require additional field service ship days-at-sea to perform. The following outlines the field service activities to be performed during this contract period that are not part of the Pacific field service activities:

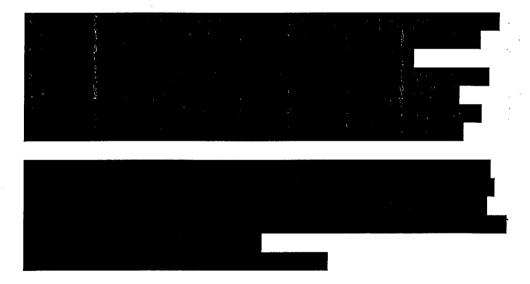
- SAIC TAO Operations Manager will maintain all field service SOPs and documentation.
- SAIC TAO Project Manager will coordinate with NDBC TAO
 Operations Management in the procurement of chartered vessels to
 support non-Pacific buoy operations.
- The SAIC TAO Project Manager will submit the draft cruise instructions and supporting documents for each TAO cruise no later than 30 days prior to ship departure with final cruise instruction submitted 14 days prior to ship departure to SAIC and NDBC for review. NDBC will finalize the final cruise instruction for submission to NMAO.
- The SAIC TAO Operations Manager, with final approval from the SAIC TAO Project Manager, will assign the TAO Field Service Team and Chief Scientist for each cruise.
- The SAIC TAO Operations Manager is responsible for coordinating and tracking all TAO logistical efforts scheduling shipments to port locations and returns no later than 14 days prior to ship departure.
- TAO Field Service Team and Chief Scientist will arrive no later than 1day in advance of cruise departure to receive the shipment and assist in loading and off-loading operations of the ship.



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- The TAO Chief Scientist is responsible for assigning berthing, coordinating operations with the ancillary science teams, coordinating operations with the ship's Commanding Officer and Field Operations Officer, and providing all supporting documentation to the DAC. The Chief Scientist is also the focal point for shore to ship communications.
- TAO Field Service Team will perform all recovery, deployment, and services of the scheduled 2 Flux buoys within the Gulf of Mexico.
- Upon completion of each subsequent cruise, the TAO Chief Scientist and/or TAO Team lead technician will remain up to 3 days after inport to assist off-loading efforts for setting up containers or trucks for equipment return to SSC.
- The TAO Team lead technician shall provide a CD containing the raw data files from each buoy and CTD cast data to the DAC no later than 3 duty days after return to SSC.
- The TAO Chief Scientist and/or TAO Team lead technician will complete a Cruise Trip Report no later than 5 duty days after cruise completion.

(Deliverables associated with this section)



2.3 Management Approach



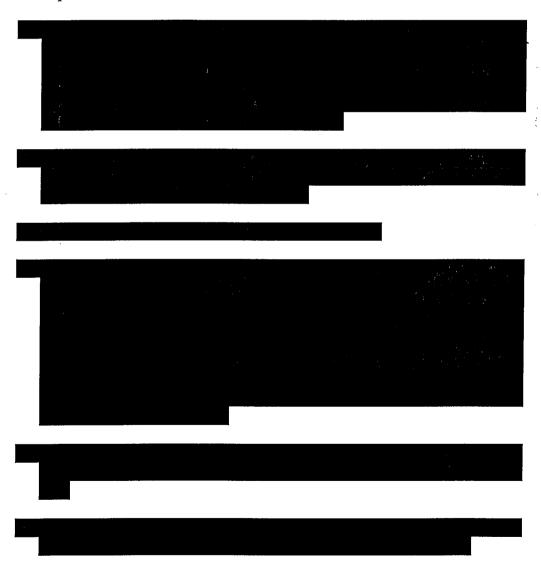


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3.0 ASSUMPTIONS and/or DEVIATIONS

3.1 Assumptions:





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3.2 *Deviations:*

4.0 IMPLEMENTATION PLAN



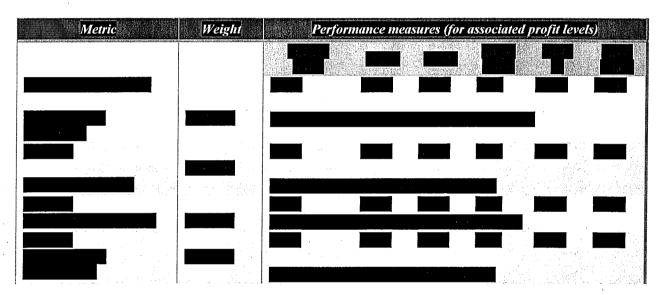
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4.1 Work Breakdown Structure

See Appendix A.

4.2 Performance Specification and Metrics

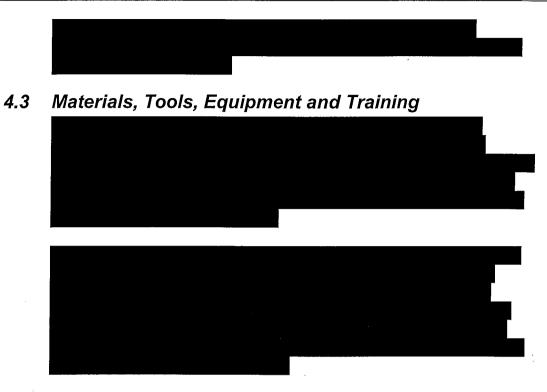








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5.0 MILESTONES AND DELIVERABLES

- 5.1 Program Performance Schedule
 See Appendix B.
- **5.2 Deliverables** See Appendix C.

6.0 POINTS OF CONTACT:

The following personnel are the points of contact for this TO.





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7.0 PRICE PROPOSAL:

See Attached

8.0 PAYMENT TERMS:

CLIN 1 invoices shall be submitted upon completion of each SAIC accounting period in accordance with the Firm Fixed Price unit pricing for each individual sensor for all sensors installed during the accounting period. A quarterly fee adjustment will be billed in accordance with the Performance Evaluation incentive/disincentive plan Payment shall be made within 30 days.

CLIN 2 invoices shall be submitted upon completion of each SAIC accounting period for all costs incurred during that period. The Fixed Fee shall be prorated over the period of performance and billed incrementally each accounting period at the minimum fee amount. A quarterly fee adjustment will be billed in accordance with the Performance Evaluation incentive/disincentive plan. Payment shall be made within 30 days.



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Document Number:	Version Number:	Issue Date:

APPENDIX A – WORK BREAKDOWN STRUCTURE

					TO 22 CL	TO 22 CLIN 2 TAO					
					Pro	Project					
					1	156d					
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					Seri	Services					
					2	156d					
					377/08	10/10/08					
				,							
TA0 Field	TAO Field Service	TA0 Fiel	AO Field Service	TA0 Fiel	TAO Field Service	TA0 Field Service	Service	TA0 Field	TA0 Field Service	TAO Field Service	l Service
Cruise	Cruise KA-08-02	Cruise	Cruise KA-08-03	Cruise	Cruise KA-08-04	Refresh GM-08-01	3M-08-04	Cruise KA-08-05	(A-08-05	Cruise KA-03-06	A-08-06
က	_	ਧਾ	31d	'n	37d	9	96	~	28d	80	29d
3/7/08	4/14/08	4/25/08	6/6/08	5/30/08	7/21/08	277,08	7M7/08	8/4/08	9710708	972708	10/10/00



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APPENDIX B - SCHEDULE

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			•	March	April		May		June	e e		Ą		August		Sentember		ć
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		1	Fri 10/10/08	L										70	000	000 : 000	310 : 310	į
TAO CLIN 2.0 Field Services	156 days	Fi 37.08	Fri 10,10.08						l	Ĭ			ı	ı				
	27 days	Fri 3/7/08	Mon 4/14/08			Brian Lake, James Rauch	nes Rauch											
***************************************	31 days	Fri 4/25/08	Fri 6,6,08		•••••••		NAME OF TAXABLE PARTY.	****	-							*******		
	37 days	Fri 5/30/08	Mon 7/21/08		•••••••••••••••••••••••••••••••••••••••													
***************************************	9 days	Mon 7/7/08	Thu 7/17/08				···							****				
	28 days	Mon 8/4/08	Wed 9/10/08									.						•
-	29 days	29 days Tue 9/2/08	Fri 10/10/08				******		.,							2000		



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APPENDIX C - DELIVERABLES/SUBMITTALS TABLE

Deliverables/Submittals CLIN 1	Due Date	Acceptance Criteria
1. Integrated directional waves into three (3) 3-m buoys	Per the current Field Service Schedule for moored buoys once system is approved and all GFE is received as described.	Upon successful system blue-tag test
2. Integrated ADCP measurements into four (4) 3-m buoys	Per the current Field Service Schedule for moored buoys once system is approved and all GFE is received as described.	Upon successful system blue-tag test
3. Bi-weekly progress reports.	Upon GFE receipt and first buoy/system integration is initiated. Reports will be delivered every other Wednesday at the weekly Operations	Upon receipt.
CLIN 2	Meeting.	
1. Execute Field Service Mission	9.30.2008	Upon Completion
2. Submit draft cruise plans forty (40) calendar days prior to the start of the cruise for NDBC review and approval	9.30.2008	Upon Completion
3. Submit initial and subsequent quarterly updates of Standard Operating Instructions for NOAA vessel's crew/NDBC/SAIC personnel work performed aboard NOAA vessels	3.31.2008 6.30.2008 9.30.2008	Upon Submission
4. Submit an initial and subsequent inventory of all TAO equipment, which includes both property and consumables at SSC and aboard the NOAA vessels, at the conclusion of each cruise	9.30.2008	Upon Submission
5. Submit an initial and subsequent Hazardous Material inventory at the conclusion of each cruise.	9.30.2008	Upon Submission
6. Submit operational procedures for conducting	9.30.2008	Upon Submission

APPENDIX C



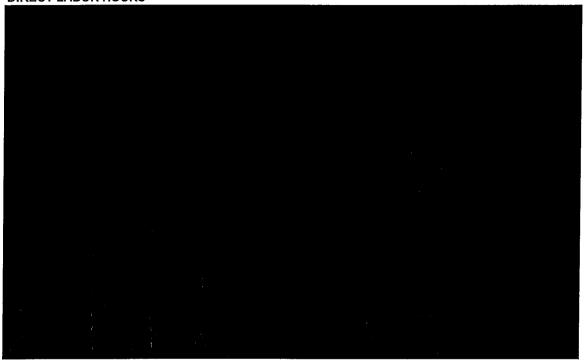
	Document Number:	TMP- 22
	Version Number:	Version 3
ı	Issue Date:	2/25/2008

Deliverables/Submittals	Due Date	Acceptance Criteria
and post-processing data from legacy TAO buoys, refreshed TAO buoys and CTD equipment.		ACUTOUR
7. Deliver raw data files of all data collected during the TAO cruise.	9.30.2008	Upon Submission
8. Deliver fully tested equipment, at the deployment site, in advance of the approved and project KAIMOANA and RON BROWN, NMAO Operations Schedules.	9.30.2008	Upon Submission
9. Assign a technically competent person to function as a Chief Scientist a minimum of thirty (30) calendar days prior to the scheduled cruise. Note: the Chief Scientist will interface with the ship's operations officer and field operations officer	9.30.2008	Upon Submission
as necessary to ensure all items listed in the final cruise plan are conducted.	·	
10. Assign a lead technician on TAO cruise a minimum of thirty (30) calendar days in advance of the cruise. Note: the technician shall be fully training all aspects of TAO refreshed and legacy buoy systems and subsystems including system and sensor startup, testing, data downloading and recovery/deployment deck operations, mooring specifications, and ship's procedures during buoy operations. This technician's qualifications are to be documented in writing and approved by the TAO mission coordinator before fulfilling the role of lead technician aboard a cruise.	9.30.2008	Upon Assignment
11. Recover and deploy the 55 TAO moorings; combination of legacy and six refresh buoys.	9.30.2008	Upon Completion
12. Recover and deploy four (4) subsurface ADCP moorings located within the TAO array.	9.30.2008	Upon Completion

APPENDIX C

TASK ORDER #22
Augmentation for 3 Meter Buoys with Ocean Measurement for CONWxB
POP: 07/01/05-06/30/06

Contract Year 1
DIRECT LABOR HOURS



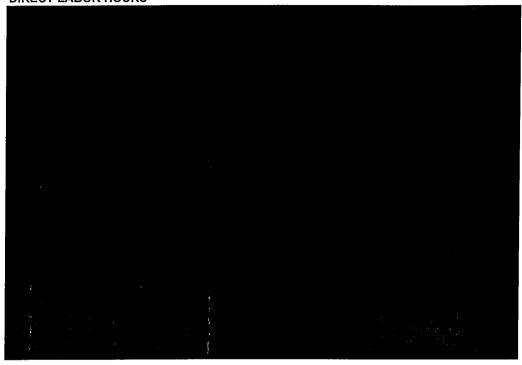
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TASK ORDER #22
Augmentation for 3 Meter Buoys with Ocean Measurement for CONWxB
POP: 07/01/06-06/30/07

Contract Year 2
DIRECT LABOR HOURS



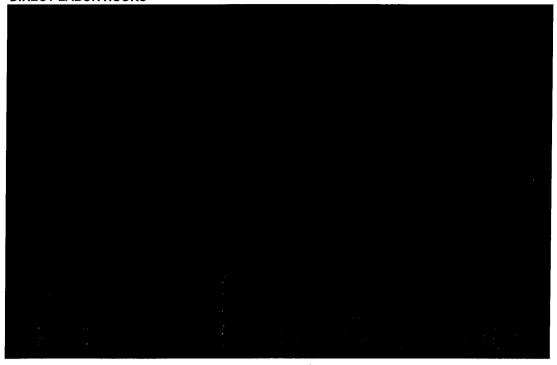
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TASK ORDER #22
Augmentation for 3 Meter Buoys with Ocean Measurement for CONWxB POP: 07/01/07-09/30/07

Contract Year 3
DIRECT LABOR HOURS



Travel Summary #22

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